

INTERNATIONAL SEARCH REPORT

PCT/EP 03/00375

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B65D81/36

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B65D A63H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X, P	WO 02 28736 A (OSTROWSKI MARK JOSEPH ;CAPITOL VIAL INC (US); CROY RANDALL CHRISTO) 11 April 2002 (2002-04-11) page 4, line 13 -page 6, line 12; claims 1,3; figures 1,2	1-9
X	US 5 890 595 A (CREDLE JR WILLIAM S) 6 April 1999 (1999-04-06) column 3, line 14 - line 29; figures 1,2	1,2,4
X	US 5 312 011 A (FISCHER DAN E) 17 May 1994 (1994-05-17) column 3, line 59 -column 5, line 55; figures 4,5	1,2,4,7, 8
	-/-	

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *Z* document member of the same patent family

Date of the actual completion of the international search

30 April 2003

Date of mailing of the international search report

09/05/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Fitterer, J

INTERNATIONAL SEARCH REPORT

PCT/93/00375

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 928 839 A (KRUELSKIE DONALD A) 29 May 1990 (1990-05-29) column 2, line 50 -column 5, line 26; figures 1-11 -----	1-4,6,7, 9
X	GB 1 145 924 A (BIG DRUM INC) 19 March 1969 (1969-03-19) page 1, line 90 -page 2, line 76; figures 1-5 -----	1-4,6-9

INTERNATIONAL SEARCH REPORT

Information on patent family members

PCT/93/00375

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0228736	A	11-04-2002	WO 0228736 A1 AU 7991500 A BR 0016141 A	11-04-2002 15-04-2002 06-08-2002
US 5890595	A	06-04-1999	US 5709304 A US 5676251 A US 5876776 A	20-01-1998 14-10-1997 02-03-1999
US 5312011	A	17-05-1994	NONE	
US 4928839	A	29-05-1990	AU 5723990 A EP 0490899 A1 JP 5500492 T WO 9103402 A1	08-04-1991 24-06-1992 04-02-1993 21-03-1991
GB 1145924	A	19-03-1969	NONE	